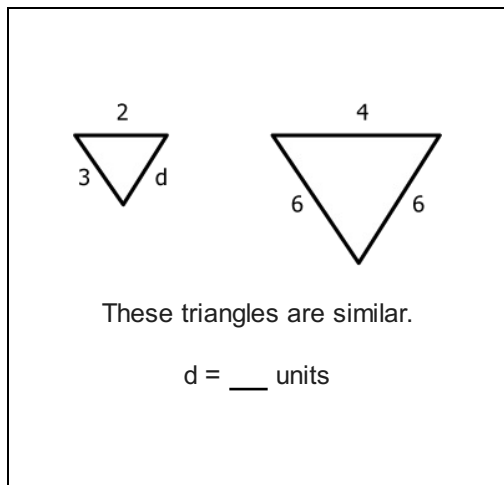


Math Geometry and Measurement 8_6

Student Name: _____

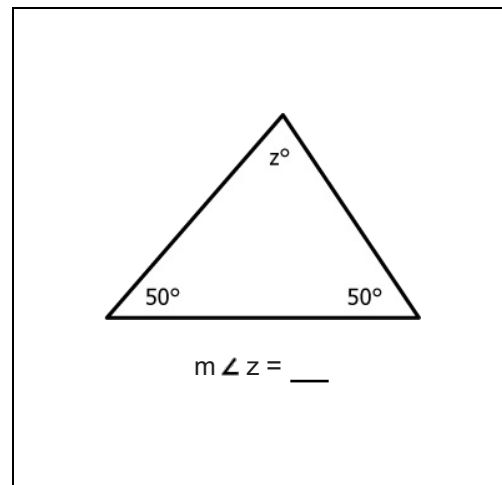
Date: _____

1.



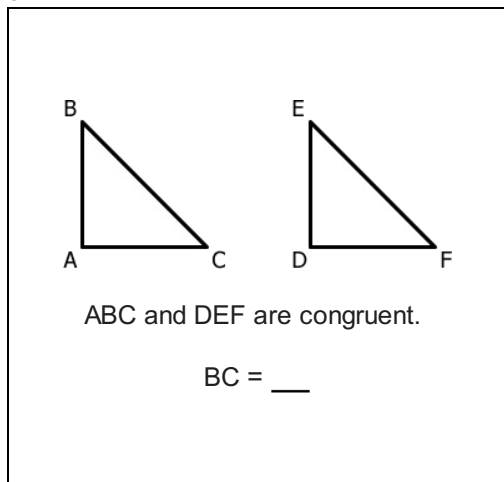
- A. 5
- B. 3
- C. 2

2.



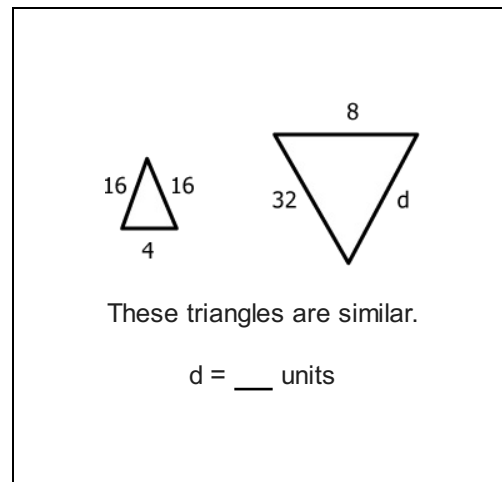
- A. 120°
- B. 80°
- C. 100°

3.



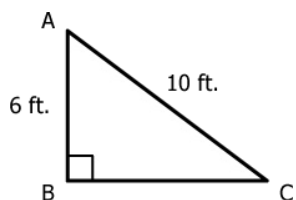
- A. DF
- B. EF
- C. DE

4.



- A. 32
- B. 28
- C. 16

5.

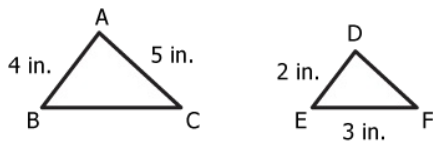


$$(AB)^2 + (BC)^2 = (AC)^2$$

$$BC = \underline{\hspace{1cm}} \text{ ft.}$$

- A. $\sqrt{64}$
- B. $\sqrt{136}$
- C. $\sqrt{36}$

7.

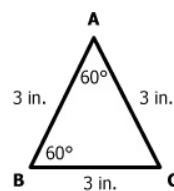


Triangle ABC is similar to Triangle DEF

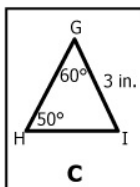
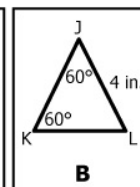
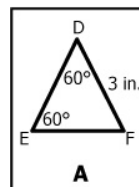
AC is $\underline{\hspace{1cm}}$ in. longer than DF.

- A. 5
- B. 2.5
- C. 2

6.



Which is congruent to this triangle?



- A. A
- B. B
- C. C

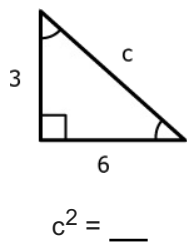
8.

$$A^2 + 4^2 = 5^2$$

$$A = \underline{\hspace{1cm}}$$

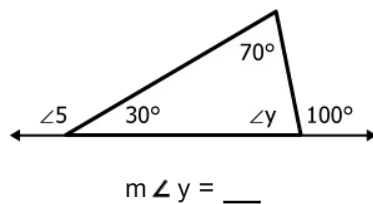
- A. 9
- B. 6
- C. 3

9.



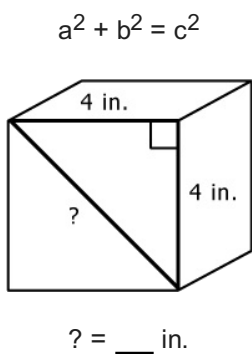
- A. $3^2 \times 6^2$
- B. $3^2 + 6^2$
- C. $3^2 - 6^2$

10.



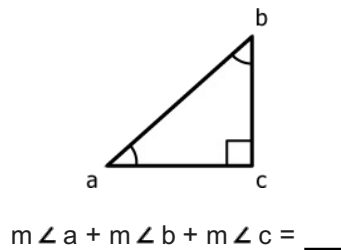
- A. 80°
- B. 90°
- C. 180°

11.



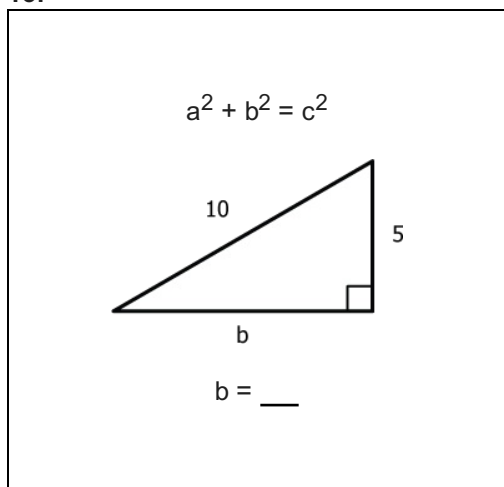
- A. $\sqrt{8}$
- B. $\sqrt{36}$
- C. $\sqrt{32}$

12.



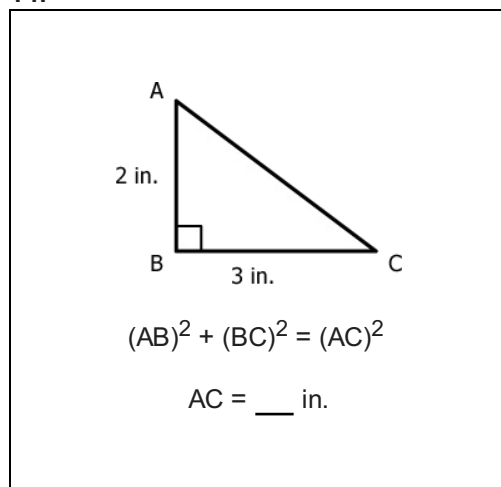
- A. 90°
- B. 180°
- C. 100°

13.



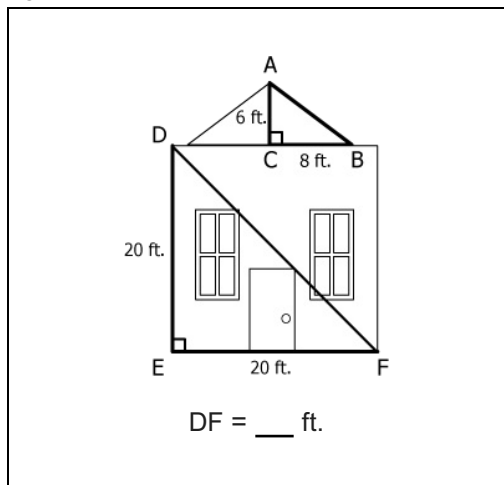
- A. $\sqrt{75}$
- B. $(100 - 5)^2$
- C. 75^2

14.



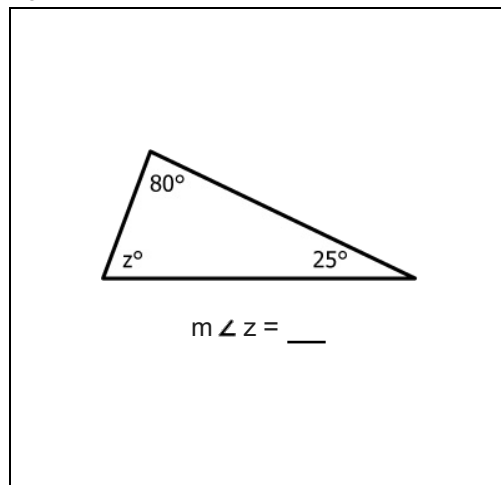
- A. $\sqrt{13}$
- B. $\sqrt{4}$
- C. $\sqrt{8}$

15.



- A. $\sqrt{800}$
- B. $\sqrt{400}$
- C. $\sqrt{40}$

16.



- A. 75°
- B. 90°
- C. 105°